

WHAT IS CLAIMED IS:

1. An electronic device comprising:

an EL display device including:

a thin film transistor;

5 a pixel electrode being electrically connected to the thin film transistor;

an EL element with the pixel electrode as a cathode or an anode; and

an insulating layer for sealing the EL element;

an applying means for applying an analog image signal to the EL element;

and

10 a correcting means for gamma ( $\gamma$ )-correcting the analog image signal.

2. A device according to claim 1, further comprising:

a memory for storing data for the gamma ( $\gamma$ )-correcting.

3. A device according to claim 1, further comprising:

15 a color filter being formed at a position corresponding to the pixel electrode.

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4. A device according to claim 1,  
wherein the EL element includes,

a first pixel including a blue luminescent layer,

a second pixel including a green luminescent layer, and

20 ~~a third pixel including a red luminescent layer.~~

5. A device according to claim 1,

wherein the gamma ( $\gamma$ )-correcting amplifies a signal of red.

6. A device according to claim 1,

wherein the gamma ( $\gamma$ )-correcting attenuates a signal of blue or green.

7. A device according to claim 1,

wherein the gamma ( $\gamma$ )-correcting is independently applied for each of signals

5 of blue, green and red.

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C2*  
~~8. A device according to claim 1,~~

~~wherein the EL element includes a luminescent layer comprising a polymer~~

~~organic material.~~

9. An EL display device comprising:

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a thin film transistor;

a pixel electrode being electrically connected to the thin film transistor;

an EL element with the pixel electrode as a cathode or an anode;

an insulating layer for sealing the EL element;

an applying means for applying an analog image signal to the EL element;

15 and

a correcting means for gamma ( $\gamma$ )-correcting the analog image signal,

wherein the thin film transistor, the pixel electrode, the EL element, the insulating layer, the applying means and the correcting means are formed over a same substrate.

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10. A device according to claim 9, further comprising:

a memory for storing data for the gamma ( $\gamma$ )-correcting.

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11. ~~The EL display device of claim 9, wherein the EL display device is used in an~~  
~~electronic device.~~

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